

PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Osamu HASEGAWA

Appln. No. Unknown

Group Art Unit: Unknown

Confirmation No.: Unknown

Examiner: Unknown

Filed: June 29, 2001

For: GAIN CONTROL AMPLIFICATION CIRCUIT AND TERMINAL EQUIPMENT
HAVING THE SAME

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. Japanese Patent Application No. 10-112682, published April 28, 1998 with English Abstract.
2. Japanese Patent Application No. 8-111620, published April 30, 1996 with English Abstract.
3. Japanese Patent Application No. 64-90689, published April 7, 1989 (corresponds to JPA No. 62-249006, published September 30, 1987 with English Abstract).

One copy of each of the listed documents is submitted herewith.

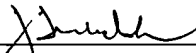
Osamu HASEGAWA
Q65178
INFORMATION DISCLOSURE STATEMENT

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date for an application other than a continued prosecution application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

SUGHRUE, MION, ZINN,
MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Washington, D.C. 20037-3213
Telephone: (202) 293-7060
Facsimile: (202) 293-7860



J. Frank Osha
Registration No. 24,625

Date: June 29, 2001

[illegible]